



PTO/SB/21 (09-04)

(Edmund J. Walsh)

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		Application Number	10/019589-Conf. #1695
TRANSMITT	AL	Filing Date	December 20, 2001
FORM		First Named Inventor	Roger Faulkner
(to be used for all correspondence afte.	· r initial filing)	Art Unit	2643
,,	•	Examiner Name	Q. D. Tran
Total Number of Pages in This Submis	sion	Attorney Docket Numb	er T0529.70038US00
EN	ICLOSURES	(Check all that app	oly)
Fee Transmittal Form	Drawing(s)		After Allowance Communication to TC
Fee Attached	Licensing-rel	ated Papers	Appeal Communication to Board of Appeals and Interferences
Amendment/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
After Final	Petition to Co		Proprietary Information
Affidavits/declaration(s)	X Power of Atto	rney, Revocation rrespondence Address	Status Letter
Extension of Time Request	Terminal Disc	claimer	X Other Enclosure(s) (please Identify below):
Express Abandonment Request	Request for	Refund	Statement under 37 CFR 3.73(b) Return Receipt Postcard
Information Disclosure Statement	CD, Number	of CD(s)	·
Certified Copy of Priority Document(s)	Landso	ape Table on CD	
Reply to Missing Parts/ Incomplete Application	Remarks		
Reply to Missing Parts under 37 CFR 1.52 or 1.53			
Firm Nome		ANT, ATTORNEY, OF	RAGENI
Signature WOLF, GREENFIEL	SACKS/P.		
Printed name Edmund J. Walsh	XVX	) Gpe	
Date April 14, 2006	~ .	Reg. No.	32,950
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the date shown below with sufficient postage as Alexandria, VA 22313-1450.	s First Class Mail in an	envelope addressed to: Co	being deposited with the U.S. Postal Service on emmissioner for Patents, P.O. Box 1450,

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Application Number		10/019589-Conf. #1695		
Filing Date		December 20, 2001		
First Na	med Inventor	Roger Faulkner		
Title		ING TELEPHONE LINES FOR ANSMISSION		
Art Unit		2643		
Examiner Name		Q. D. Tran		
Attorney Docket No.		T0529 70038US00		

				At	torney	Docket N	о.	T0529	.70038US	00		
I he	reby revoke	all previous	powers of a	ttorney give	en in th	e above-	iden	ified ap	plication.			
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x Practitioners associated with the Customer Number: 59547  OR  Practitioner(s) named below:												
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Country				Telephone				Email				
I am the:  Applicant/Inventor.  X Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)												
SIGNATURE of Applicant or Assignee of Record												
Signatur	e		M				Date	9	APR.		Zas	6
Name Robert J. Hampsch, Esq. Telephone (617) 422-2919												
Title and Company Chief Intellectual Property Counsel, Teradyne, Inc.												
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.							iple					
	*Total of	1	forms are	submitted.								
,												

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Olass Mail, in an envelope professed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. (Edmund J. Walsh)

## PTO/SB/86 (12-05) Approved for use through 07/31/2008. OMB 0851-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. STATEMENT UNDER 37 CFR 3.73(b)

states that it is:    X	Control No.:   10/019589   Filed/Issue Date:   December 20, 2001	Applicant/Patent Owner	: Teradyne, Inc.		
Teradyne, Inc	Teradyne, Inc. , a Corporation (Type of Assignee) at tests that it is:    X the assignee of the entire right, title, and interest; or an assignee of less than the entire right, title and interest. (The extent (by percentage) of its ownership interest is	• •	10/019589	Filed/Issue Date:	December 20, 2001
tates that it is:    X   the assignee of the entire right, title, and interest; or   an assignee of less than the entire right, title and interest.   (The extent (by percentage) of its ownership interest is	tates that it is:    X	intitled: QUALIFYIN	NG TELEPHONE LINES FOR	R DATA TRANSMISSION	
tates that it is:    X	the assignee of the entire right, title, and interest; or  an assignee of less than the entire right, title and interest. (The extent (by percentage) of its ownership interest is	Terac	lyne, Inc, a	Co	rporation
the assignee of the entire right, title, and interest; or an assignee of less than the entire right, title and interest. (The extent (by percentage) of its ownership interest is	the assignee of the entire right, title, and interest; or an assignee of less than the entire right, title and interest. (The extent (by percentage) of its ownership interest is			(Type of Assignee, e.g., corporation, pa	яшанар, шачану, устанный адаксу, чс.,
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(The extent (by percentage) of its ownership interest is	(The extent (by percentage) of its ownership interest is	x the assignee	of the entire right, title, and in	nterest; or	
the patent application/patent identified above by virtue of either:    X   An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012620	the patent application/patent identified above by virtue of either:    X   An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012620   Frame 0665   or a true copy of the original assignment is attached.   A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:   To:				
An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012620 , or a true copy of the original assignment is attached.  R  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:  1. From: To:  The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  2. From: To:  The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  3. From: To:  The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  Additional documents was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original own to the assignment by 37 CFR 3.715. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Parl 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The united States Patent and Trademark Office at which is a supplied below) is authorized to act on behalf of the assignee.  And 1 3 2004  Printed or Typed Name Telephone Number Telephone Number	An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012620 .  Frame 0665 , or a true copy of the original assignment is attached.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:  1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  2. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  4. Additional document in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignment occurrently is being, submitted for recordation pursuant to 37 CFR 3.11.  INOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Parl 3, to record the assignment in the records of the USPTO. See MPEP 302.08  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Robert J. Hampsch, Esq. (617) 422-2919  Printed or Typed Name Telephone Number  Chief Intellectual Property Counsel Title				)
was recorded in the United States Patent and Trademark Office at Reel 012620   Frame 0665   , or a true copy of the original assignment is attached.  R  A chain of title from the Inventor(s), of the patent application/patent identified above, to the current assignee as follows:  1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  2. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original own to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Robert J. Hampsch, Esq. (617) 422-2919  Printed or Typed Name Telephone Number  Chief Intellectual Property Counsel	was recorded in the United States Patent and Trademark Office at Reel 0665 , or a true copy of the original assignment is attached.  R A chain of title from the Inventor(s), of the patent application/patent identified above, to the current assignee as follows:  1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  2. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(I), the documentary evidence of the chain of title from the original owner to the assignment by a submitted for recordation pursuant to 37 CFR 3.11.  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Parl 3, to record the assignment in the records of the USPTO. See MPEP 302.08  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Printed or Typed Name Telephone Number Chief Intellectual Property Counsel Title	_			
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The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  2. From:	The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.  2. From:				,
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2. From:  The document was recorded in the United States Patent and Trademark Office at Reel  , Frame , or for which a copy thereof is attached.  3. From:  The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original own to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Robert J. Hampsch, Esq.  Gentle Intellectual Property Counsel	2. From: The document was recorded in the United States Patent and Trademark Office at Reel Personal Reel Reel Reel Reel Reel Reel Reel Ree	The docu	ment was recorded in the Un	ited States Patent and Trade	emark Office at
The document was recorded in the United States Patent and Trademark Office at Reel, or for which a copy thereof is attached.  3. From: To:	The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.  3. From: To:	Reel _	, Frame		py thereor is attached.
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The document was recorded in the United States Patent and Trademark Office at  Reel, Frame, or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(l), the documentary evidence of the chain of title from the original own to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO.  See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Robert J. Hampsch, Esq	To:  The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Apr.   3 2006  Beginnature   Apr.   3 2006  Robert J. Hampsch, Esq. (617) 422-2919  Printed or Typed Name   Telephone Number Chief Intellectual Property Counsel   Title				
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Robert J. Hampsch, Esq. (617) 422-2919 Printed or Typed Name Telephone Number Chief Intellectual Property Counsel	Signature  Robert J. Hampsch, Esq.  Printed or Typed Name  Chief Intellectual Property Counsel  Title  Cartificate OF Philips Under 32-CFR 18(a)	As required by 37 to the assignee w. [NOTE: A separate Assignment Divisio	CFR 3.73(b)(1)(l), the documes, or concurrently is being, a copy (i.e., a true copy of the con in accordance with 37 CFR F	entary evidence of the chair submitted for recordation p priginal assignment document	n of title from the original owner ursuant to 37 CFR 3.11. (s)) must be submitted to
Robert J. Hampsch, Esq. (617) 422-2919 Printed or Typed Name Telephone Number Chief Intellectual Property Counsel	Signature  Robert J. Hampsch, Esq.  Printed or Typed Name  Chief Intellectual Property Counsel  Title  Cartificate OF Philips Under 32-CFR 18(a)	ne undersigned (whos	title is supplied below) is au	uthorized to act on behalf of	the assignee.
Robert J. Hampsch, Esq. (617) 422-2919 Printed or Typed Name Telephone Number Chief Intellectual Property Counsel	Robert J. Hampsch, Esq. (617) 422-2919 Printed or Typed Name Telephone Number Chief Intellectual Property Counsel Title	1	- ΛΛ	-Aa	1
Printed or Typed Name Telephone Number Chief Intellectual Property Counsel	Printed or Typed Name Telephone Number  Chief Intellectual Property Counsel  Title  Certificate of Epiling Under 37 CFR 18(a)	— <del>4</del>	Signature		
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	Certificate of Mailing Under 37-CFR 1.8(a)		Title		
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